

Lake Wingra Spring Fyke Netting – 2005

Fish sampling on the Madison Chain follows a 5 year rotation. Every year, 1 lake receives a **COMPREHENSIVE** survey, and the other lakes receive spring and fall **INDEX** sampling. Comprehensive surveys combine intensive spring netting efforts and spring and fall electro-fishing runs to cover the entire lake. Comprehensive surveys target walleye, northern pike, and musky and provide insight on the adult component of those fisheries. Comp surveys are used to make population estimates. Index sampling uses only electro-fishing directed at a selected sites in spring and fall. Index sampling monitors bass, panfish, and young -of-year fish most effectively.

Our purpose is to describe the size and condition of major fish populations of recreational interest, assess regulation, and suggest necessary management actions.

These brief summaries represent the most recent data and comparisons to the previous survey. Questions can be directed to: Kurt Welke, Fisheries Manager for Dane County, 3911 Fish Hatchery Rd, Fitchburg, WI 53711. Phone: 608-273-5946, E-mail: Kurt.welke@dnr.state.wi.us. This information is also posted at: <http://dnr.wi.gov/org/water/fhp/fish/pages/reports/final.shtml>

2005

Musky:

Average Length (in.): 32.8
Length Range (in.): 26.2 – 42.2
Total Captured: 128
Population Estimate 1.2 / acre

Walleye:

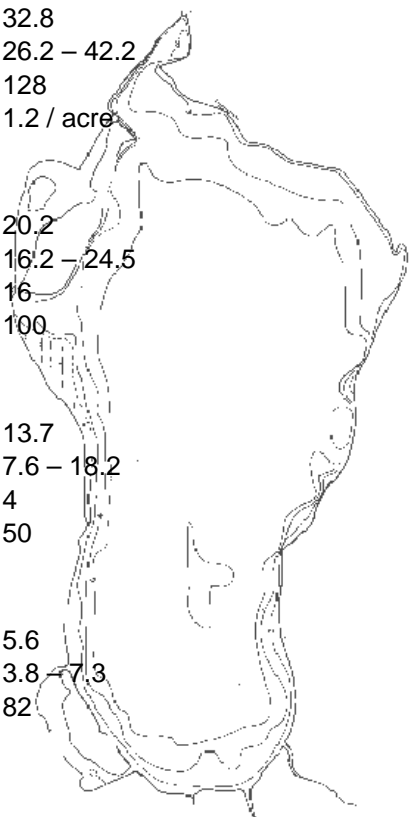
Average Length (in.): 20.2
Length Range (in.): 16.2 – 24.5
Total Captured: 16
% Legal (>15") 100

Largemouth Bass:

Average Length (in.): 13.7
Length Range (in.): 7.6 – 18.2
Total Captured: 4
% Legal (>14") 50

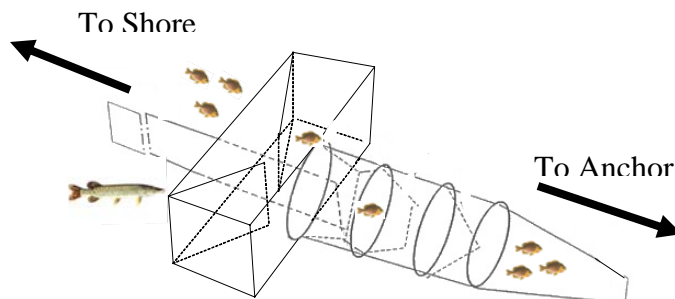
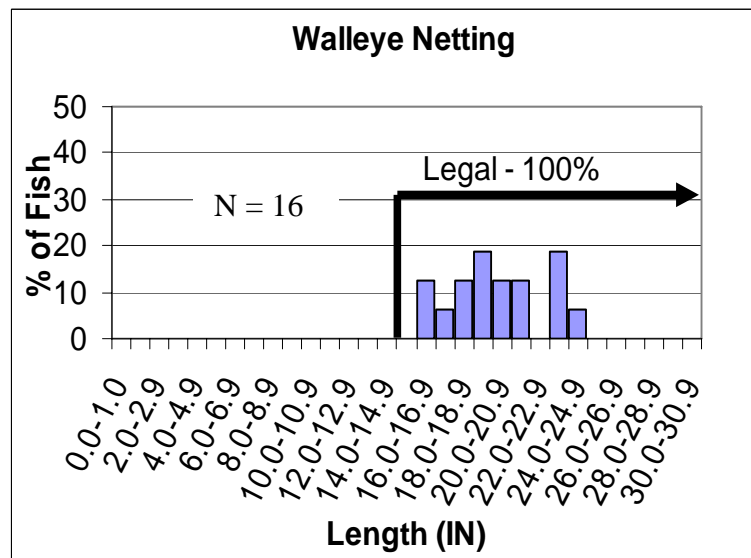
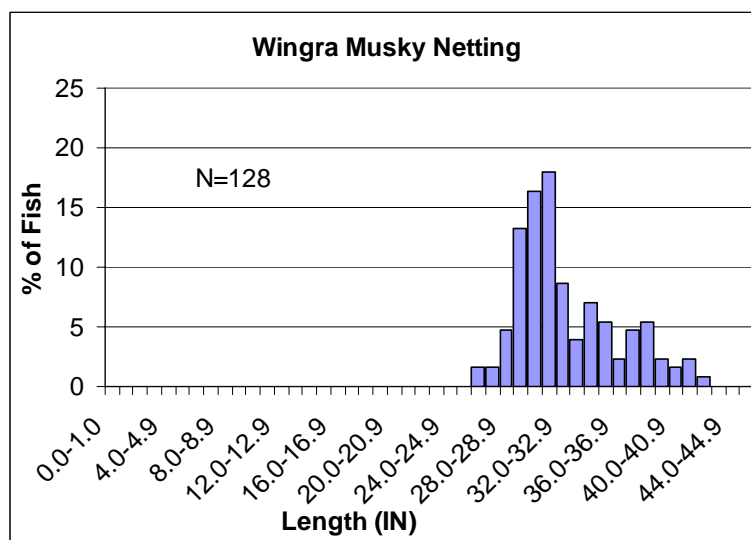
Bluegill:

Average Length (in.): 5.6
Length Range (in.): 3.8 – 7.3
Total Captured: 82



What this all means:

Muskellunge numbers characterize Wingra as an outstanding “action” lake. Musky densities are 2-4 times numbers found on high quality musky waters. Most fish are in the mid -30” size and tend toward more slender bodies. Bass, walleye, and panfish numbers are modest and size structure generally below statewide averages.



Lake Wingra Fall Electrofishing – 2005

| | | |
|-----------------------|-------------|-------------|
| Musky: | 2005 | 2004 |
| Average Length (in.): | 33.7 | 24.1 |
| Length Range (in.): | 29.3 – 42.0 | 11.0 – 39.0 |
| Total Captured: | 23 | 41 |

| | | |
|-------------------------|------------|------------|
| Largemouth Bass: | | |
| Average Length (in.): | 9.6 | 10.6 |
| Length Range (in.): | 4.0 – 17.2 | 4.5 – 20.5 |
| Total Captured: | 283 | 146 |
| % Legal (>14"): | 2.5 | 6.1 |
| % YOY* (<7"): | 17.7 | 2.7 |

*YOY = Young of Year

| | | |
|-----------------------|-----------|-----------|
| Bluegill: | | |
| Average Length (in.): | 5.2 | 5.1 |
| Length Range (in.): | 1.3 – 6.5 | 1.0 – 6.0 |
| Total Captured: | 187 | 131 |
| Fish / Hour | 375 | 524 |

Stocking:

| Year | Species | Number Stocked | Length (in) |
|------|-------------|----------------|-------------|
| 2000 | MUSKELLUNGE | 345 | 10 |
| 2001 | MUSKELLUNGE | 695 | 10 |
| 2003 | MUSKELLUNGE | 170 | 11 |
| 2004 | MUSKELLUNGE | 175 | 11 |

